

ABSTRACT

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This is an iontophoresis device being able to determine a conduction state with high accuracy. A voltage comparator 5 (10B) compares an output current signal (18) indicative of a reactive current flowing through a skin or a mucous with a threshold level (SL) pre-adjusted to a voltage value corresponding to a lower limit of the reactive current, thereby detecting the presence or absence of the reactive current. 10 If the output current signal is higher than the threshold level, the voltage comparator generates an output signal (11B) of "H" to indicate to the controlling circuit that the conduction state is normal. If the output current signal is lower than the threshold level, the voltage comparator generates an output 15 signal (11B) of "L" to indicate to the controlling circuit that the conduction state is abnormal.

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FIG. 1

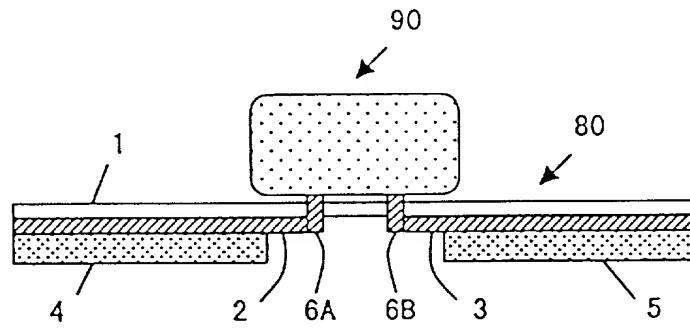


FIG. 2

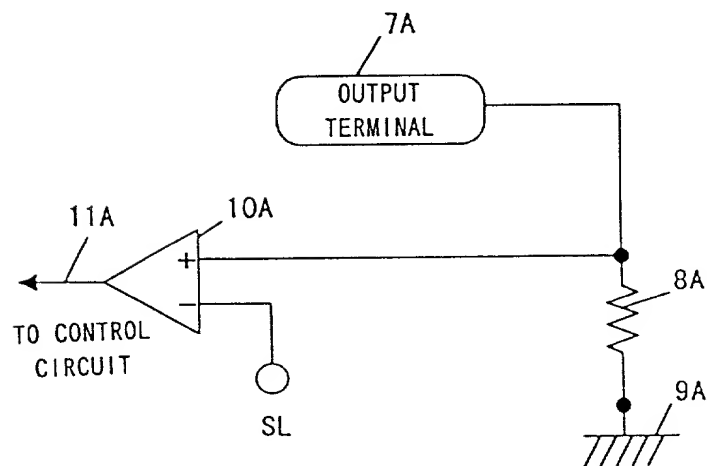


FIG. 3

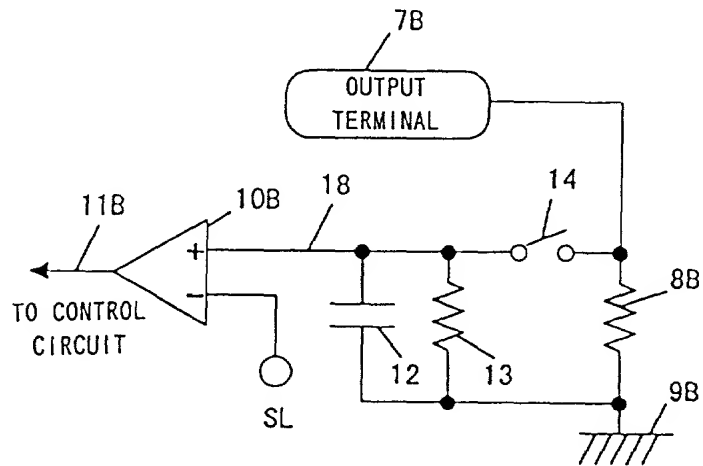


FIG. 4

